



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/242,361	02/16/1999	LAURI LAHTINEN	10178.85USWO	9973

32294 7590 04/09/2003

SQUIRE, SANDERS & DEMPSEY L.L.P.
14TH FLOOR
8000 TOWERS CRESCENT
TYSONS CORNER, VA 22182

EXAMINER

MEHRPOUR, NAGHMEH

ART UNIT PAPER NUMBER

2683

DATE MAILED: 04/09/2003

20

Please find below and/or attached an Office communication concerning this application or proceeding.

hmm

Office Action Summary

Application No.
09/242,361

Applicant(s)
Lahtinen

Examiner
Naghmeh Mehrpour

Art Unit
2685



-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on Jan 30, 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-13 is/are pending in the application.
- 4a) Of the above, claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-13 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claims _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

*See the attached detailed Office action for a list of the certified copies not received.

- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____ 6) ☐ Other:

Art Unit: 2683

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. **Claims 1-13**, are rejected under 35 U.S.C. 103(a) as being unpatentable over International Application Number WO 96/18273 in view of Stahl (US Patent Number 5,784,450).

Regarding **Claims 1, 8, 10**, International Publication WO 97/18273 teaches a method for location updating of a wireless terminal in a communications system composing a number of Private Branch Exchange (HPBX, VPBX) and at least one telephone exchange and being connected to a Public Integrated Service Network 10 (PTSN) and an intelligent network (See Figure 1), wherein the terminal 19 sending location update message with a call setup to a private branch exchange and the PBX sends call set up message with addition of the location information to exchange sends service request, preferably to MSISDN number of the terminal (See figure 1, Page 10 lines 11-35, Page 11 lines 1-27). Doe does not specifically disclose that SCP adding the location information of the terminal to the subscriber number. However Stahl teaches a feature including adding the location information and the identity of the terminal to a node, and SCP adds the information of the terminal to the subscriber number (Column 5 lines 20-28). Therefore, it would have been obvious to ordinary skill in the art at the time the invention is made to provide above

Art Unit: 2683

teaching of Stahl to Doe, in order enabling the subscriber to connect via an interface to the subscriber on the second network, by adding codes to the terminal numbers.

Regarding **Claims 2-3, 12**, International Publication WO 97/18273 teaches a method wherein in case of incoming call to the terminal, the exchange sends SCP service network request comprising the subscriber number, preferably the MSISDN number of the terminal, the SCP returns the location information of the terminal to the exchange, the exchange establishes a connection with the private branch exchange indicated by the location information of the terminal, which private branch exchange sets up a call with the TE (Page 10 lines 11-35, Page 11 lines 1-27).

Regarding **Claims 4-5, 9, 11, 13**, International Publication WO 97/18273 teaches a method that any one of the private branch exchange reserves for terminal roaming number used as location information of the terminal (Page 10 lines 11-24, Page 16 lines 3-16).

Regarding **Claims 6**, International Publication WO 97/18273 teaches a method wherein the terminal is a terminal of the DECT system and the identity of the TE is IPUI or IPEI (See figure 1, Page 7 lines 7-12).

Regarding **Claims 7**, International Publication WO 97/18273 teaches a method that uses DSS.1 signaling protocol and the location information is positioned in a facility or user-to-user information elements (See figure 1, Page 7 lines 18-22, lines 33-35, Page 8 lines 1-6).

Response to Arguments

Art Unit: 2683

3. Applicant's arguments with respect to claims 1-13 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

4. **Any responses to this action should be mailed to:**

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

(703) 872-9314, (for formal communications indented for entry)

Or:

(703) 308-6306, (for informal or draft communications, please label

“PROPOSED” or “DRAFT”)

Hand-delivered responses should be brought to Crystal Park II. 2121 Crystal Drive, Arlington. Va., sixth Floor (Receptionist).

Any inquiry concerning this communication or earlier communication from the examiner should be directed to Melody Mehrpour whose telephone number is (703) 308-7159. The examiner can normally be reached on Monday through Thursday (first week of bi-week) and Monday through Friday (second week of bi-week) from 6:30 a.m. to 5:00 p.m.

If attempt to reach the examiner are unsuccessful the examiner's supervisor, Bill Trost (703)308-5318.

Application/Control Number: 09/242,361

Page 5

Art Unit: 2683

NM

April 4, 2003



WILLIAM TROST
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600